

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004694**Date Inspected:** 17-Nov-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG and SAS Tower Fabrication				

Summary of Items Observed:

This QA observed ZPMC/NDE personnel perform Magnetic Particle Testing(MT) on the following floor beam and tower sections for green tagging. After completing their NDE, this QA performed 10% MT on the same sections just mentioned.

Bay 7: Performed 10% MT on the following OBG sections for green tagging;

- a)FB016-022-001, 002, 003 etc. – deemed acceptable
- b)FB015-024-002, 010, 013 etc. – deemed acceptable
- c)FB010-020-001, 010, 013 etc. – deemed acceptable
- d)FB010-011-002, 010, 013 etc. – deemed acceptable
- e)FB009-017-004, 010, 013 etc. – deemed acceptable
- f)FB009-019-004, 010, 013 etc. – deemed acceptable
- g)FB009-020-004, 010, 013 etc. – deemed acceptable
- h)FB016-023-001, 002, 003 etc. – deemed acceptable

Bay 8: Performed 10% MT on tower diaphragm North 13M for green tagging;

- i)NSD1-SA125-1/2 – deemed acceptable
- j)NSD1-SA124-1/3/5/7 – deemed acceptable
- k)NSD1-SA123-1/3/5/7 – deemed acceptable
- l)NSD1-SA121-1/3/5/7 – deemed acceptable

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- m)NSD1-SA120-1/3/5/7 – deemed acceptable
- n)NSD1-SA122-1/3/5/7 – deemed acceptable
- o)NSD1-SA119-1/3/5/23 – deemed acceptable
- p)NSD1-SA118-1/5/7/19 – deemed acceptable
- q)NSD1-SA117-1/3/25/27 – deemed acceptable
- r)NSD1-SA126-2~100 - deemed acceptable

For more details about this inspection, please see my TL-6028 report on this day.

Summary of Conversations:

No significant conversation occurred today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Joshua Ishibashi, (858) 232-7081, who represents the Office of Structural Materials for your project.

Inspected By:	Lizardo,Joselito	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
